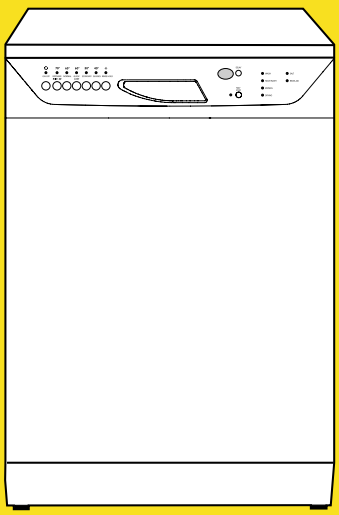
ZANUSSI

DISHWASHER
DE 6965



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INSTRUCTION BOOK

UK

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Guide to use the instruction book

The following symbols will be found in the text to guide you throughout the instructions:

Safety instructions

1. 2. 3. Step by step

Hints and tips

Environmental information

⚠ Important safety information

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is left with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant safety information.

This information has been provided in the interest of your safety. You MUST read it carefully before installing or using the appliance.

Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.

Child Safety

- This appliance is designed to be operated by adults.
  Children should not be allowed to tamper with the controls or play with the product.
- Keep all packaging well away from children.
- Keep all detergents in a safe place out of children's reach.

During Use

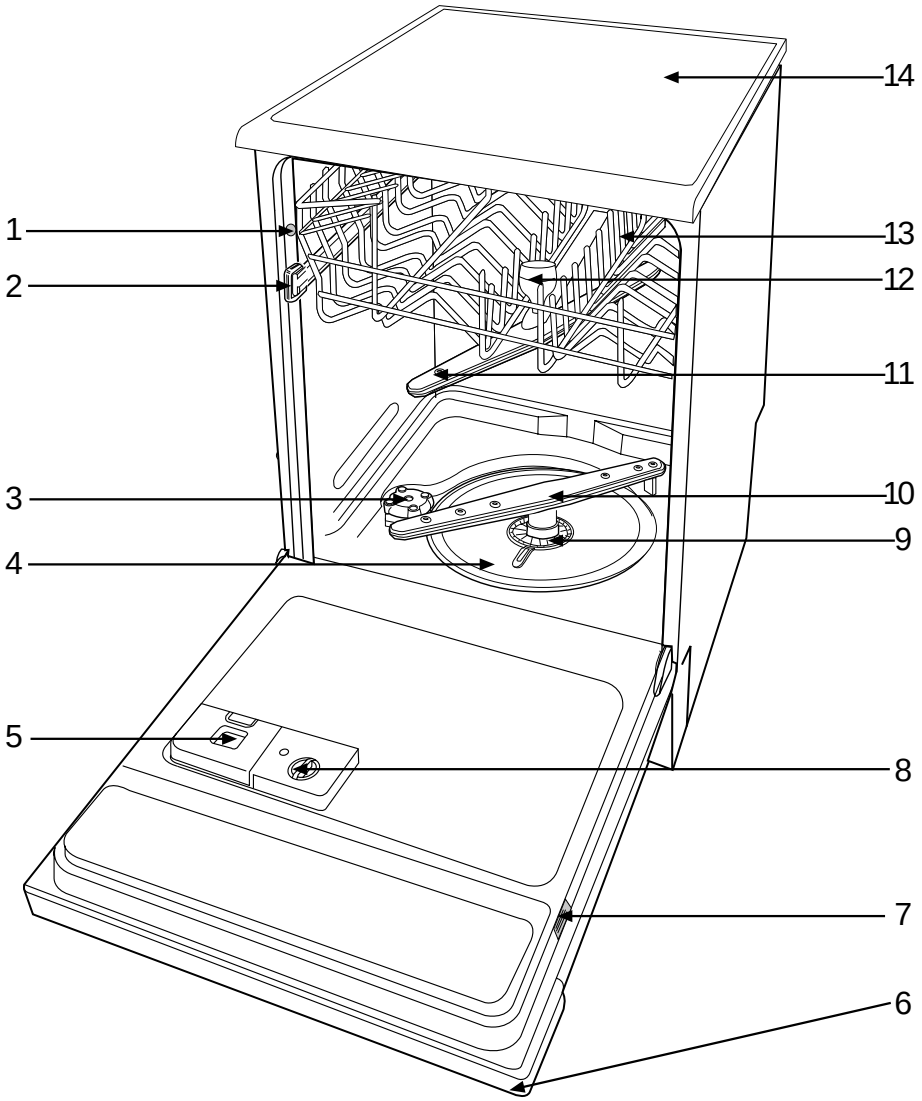
- Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals must not be washed in this dishwasher.
- Under no circumstances should you open the door whilst the appliance is in operation. Always turn off the appliance before opening the door.
- Only use detergent specifically designed for use in dishwashers.
- Long bladed knives stored in an upright position are a potential hazard.
- Long and/or sharp items of cutlery such as carving knives must be positioned horizontally in the upper basket.
- When finishing loading or unloading close the door, as an open door can be a hazard.
- Do not sit or stand on the open door.
- Isolate the appliance from the power supply and turn off the water supply after use.
- Care should be taken when cleaning the bottom door seal and hinge area as any exposed metal edges may cut if care is not taken.
- This product should be serviced by an authorised Service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts.

Conservation

In the interest of the environment:

- Materials marked with the symbol ♺ are recyclable.
- Check with your local Council or Environmental Health Office to see if there are facilities in your area for re-cycling this appliance.
- When the appliance is to be scrapped, cut off the power supply cable and make the door closing device unusable to prevent young children from being trapped inside.
- Help to keep your country tidy - use authorised disposal sites for your old appliance.

Description of the appliance



1. Levelling spacers

2. Upper basket stop

3. Salt container

4. Large filter

5. Detergent dispenser

6. Control panel

7. Rating plate

8. Rinse aid dispenser

9. Central filter

10. Lower spray arm

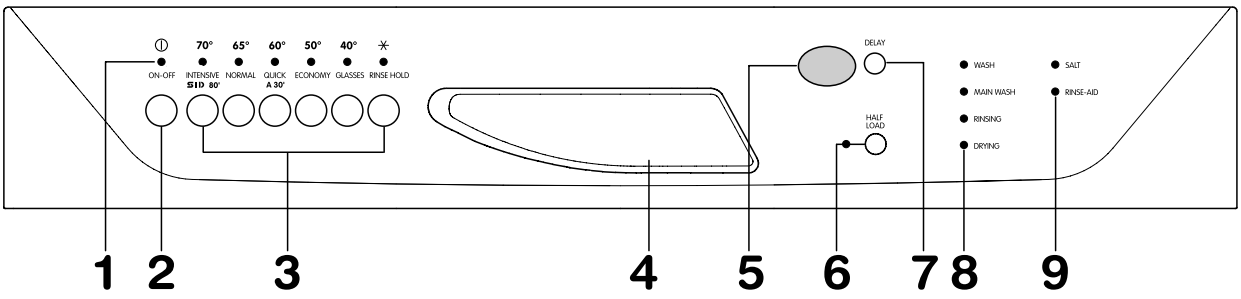
11. Upper spray arm

12. "SID" detergent dispenser (**S**uper **I**ntensity **D**ispenser)

13. Upper basket

14. Worktop

The control panel



1. ON-OFF indicator light

2. ON-OFF push button

3. Programme selection push buttons

4. Door handle

5. Digital display

6. HALF LOAD push button

This option is useful and economical when only a few dishes need washing.

By pressing this push button, the corresponding indicator light comes on and the prewash phase is automatically excluded.

If the indicator light is off, the washing programme will be carried out completely.

Remember to load all the dishes into both baskets.

With programmes **QUICK A 30 and RINSE HOLD** this option is automatically deactivated.

7. DELAY push button

This option allows the start of the programme to be delayed by a minimum of 1 hour up to 12 hours.

8. Phase indicator lights

As soon as you select a washing programme, all the phase indicator lights foreseen for that programme will illuminate.

When the programme starts the phase indicator lights will turn off except for the phase under way.

As the programme progresses, only the phase under way will illuminate.

At the end of the programme all the phase indicator lights turn off.

9. Salt and rinse aid indicator lights

SALT refilling indicator light
illuminates when the salt has run out and the salt container requires refilling.

RINSE-AID refilling indicator light
illuminates when the rinse aid has run out and the rinse aid container requires refilling.

Audible signals

Audible signals have been introduced to help indicate which operations the dishwasher is performing.

Short instruction accepted signal

When any of the push buttons are pressed (except the ON-OFF push button), a short audible signal informs you that the machine has accepted the instruction given.

Long programme run signal

A continuous audible signal informs you that the washing programme is starting.

Intermittent end of programme signal

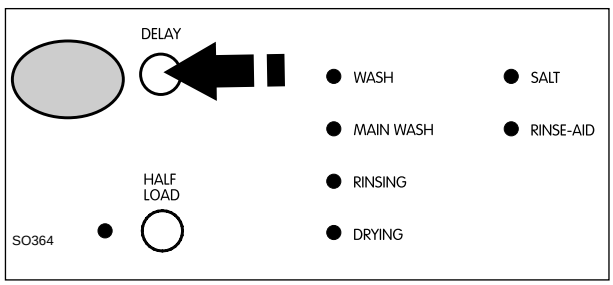
An intermittent audible signal informs you that the wash programme has ended.

Alarm intermittent signal

The machine is fitted with a number of alarm systems to help you determine the cause of any problems (see "Something not working"). An intermittent audible signal of about 15 seconds informs you that an alarm is activated.

To deactivate these audible signals, press the **DELAY** push button for about 3 seconds, at the end of which an intermittent audible signal informs you that the audible signals have been deactivated.

To reactivate these audible signals, press the **DELAY** push button for about 3 seconds, at the end of which an intermittent audible signal informs you that the audible signals have been reactivated.



Both operations (to deactivate or reactivate the audible signals) are possible before the starting of a programme (setting mode).
The setting will remain memorised after switching off the dishwasher.

Before use

Before using your dishwasher for the first time:

1. Ensure that the electrical and water connections comply with the installation instructions
2. Remove all packaging from inside the appliance
3. Set the water softener
4. Pour 1 litre of water inside the salt container and then fill with salt
5. Fill the rinse aid dispenser
6. Run a RINSE HOLD programme

Setting the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.

The higher the content of these salts, the harder your water is.

Water hardness is measured in equivalent scales, Clarke degrees, French degrees and PPM (parts per Million).

The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

The dishwasher is factory set at level 4.

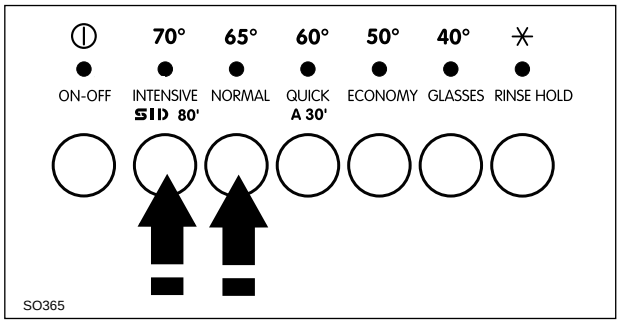
If this level is not suitable for your area the softener should be adjusted.

To select a different level be sure that the dishwasher is off and then proceed as follows:

1. Press the **ON-OFF** push button.
2. Press simultaneously for about 5 seconds the programme push buttons **INTENSIVE SID 80** and **NORMAL**, in the digital display appears the current level (L 4).
3. Press the **INTENSIVE SID 80** programme push button as many times as necessary until the required level appears in the digital display. The level increases by 1 each time the button is pressed.
   After 5 seconds that the **INTENSIVE SID 80** programme push button has last been pressed, the dishwasher memorises the new level and returns to the programme setting mode.

Level	Water hardness			Use of salt
	Clarke degrees	**French degrees** (°TH)	**PPM** (Parts per Million)	
0	0 - 6	0 - 8	< 80	NO
1	7 - 10	9 - 14	81 - 140	YES
2	11 - 14	15 - 20	141 - 200	YES
3	15 - 21	21 - 30	201 - 300	YES
4	22 - 28	31 - 40	301 - 400	YES
5	29 - 35	41 - 50	401 - 500	YES
6	36 - 42	51 - 60	501 - 600	YES
7	43 - 49	61 - 70	601 - 700	YES
8	50 - 56	71 - 80	701 - 800	YES
9	57 - 84	81 - 120	801 - 1200	YES

If your water is level 0 it is already soft and therefore there is no need to use salt. With the setting of the water softener at level 0 the salt indicator light on the control panel will always remain off. Use salt from level 1 upwards.

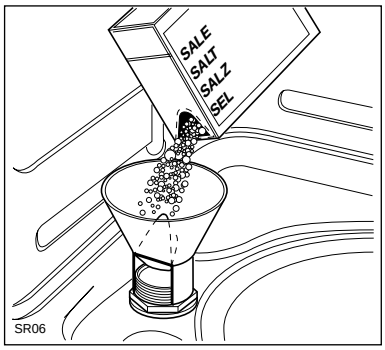


Filling with salt

Only use salt specifically designed for use in dishwashers.
All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener.
Only fill with salt just before starting one of the complete washing programmes. This will prevent any grains of salt or salty water, which may have been spilled, remaining on the bottom of the machine for any period of time, which may cause corrosion.

To fill:

1. To fill with salt, unscrew the cap of the salt container.
2. **Pour 1 litre of water inside the container (this is necessary only before filling with salt for the first time).**
3. Using the funnel provided, pour in the salt until the container is full.
   Do not worry if water over flows from the unit when filling with salt, this is quite normal.
4. Replace the cap making sure that there is no trace of salt on the screw thread or on the gasket.
5. Screw on the cap tightly.



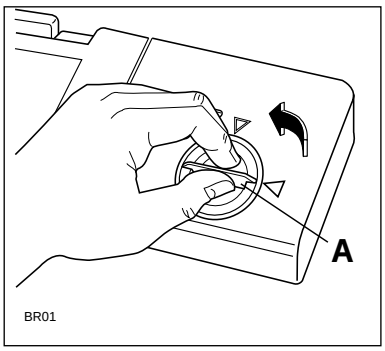
The salt container will require topping up periodically.

You are reminded of this by the salt indicator light on the control panel which comes on when the salt has finished.

The salt indicator light on the control panel can remain illuminated for 2-6 hours after the salt has been replenished, assuming the dishwasher remains switched on. If you are using salts that take longer to dissolve then this can take longer. The function of the machine is not affected.

Rinse aid

Rinse aid is automatically added during the last rinse, ensuring thorough rinsing, and spot and streak free drying. The dispenser, which is positioned inside the door, holds about 110 ml of rinse aid, which is sufficient for 16 - 40 dishwashing programmes, depending upon the dosage setting.

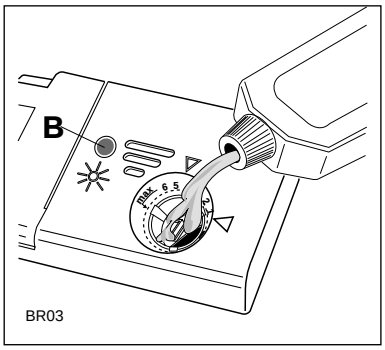


Filling with rinse aid

1. Open the container by turning the lid (A) anticlockwise.

2. Add the rinse aid until the container is completely full. The indicator (B) will be completely dark.

3. Top up the rinse aid when the rinse aid indicator light on the control panel illuminates.



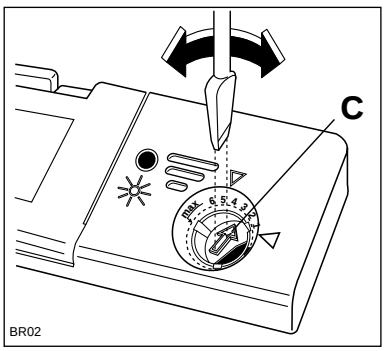
Ensure that the lid is closed after every refill.

Do not put liquid detergent in the rinse aid compartment. Clean up any rinse aid spilt during filling with an absorbent cloth to avoid excess foaming during the next wash.

Adjusting the dose

According to the finish and drying results obtained, adjust the dose of rinse aid by means of the 6 position selector (C) (position 1 minimum dosage, position 6 maximum dosage).

Increase the dose if there are drops of water or lime spots on the dishes after washing.
Reduce it if there are sticky whitish streaks on the dishes.



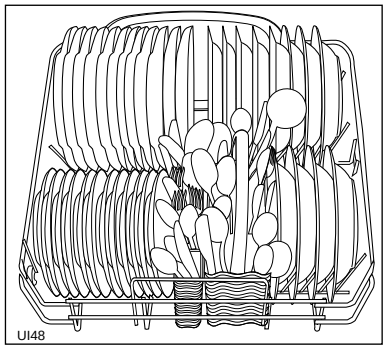
Using your appliance

Loading your appliance

Before placing dishes in the machine, remove any scraps of food, to avoid clogging the filters and consequently reducing the performance.

Do not load very small items which can fall through the baskets.

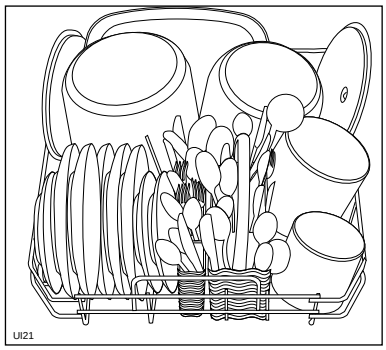
Open the door and slide out the baskets to load the dishes.



The lower basket

The lower basket is designed to take saucepans, lids, plates, salad bowls, cutlery etc.

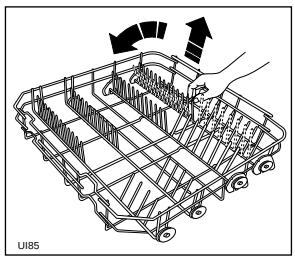
Serving dishes and large lids should be arranged around the edge of the basket, ensuring that the upper spray arm can turn freely.

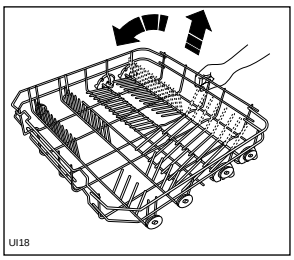


The two rear rows of prongs on the lower basket can be easily lowered to allow you to load pots, pans and bowls.

To lower the prongs:

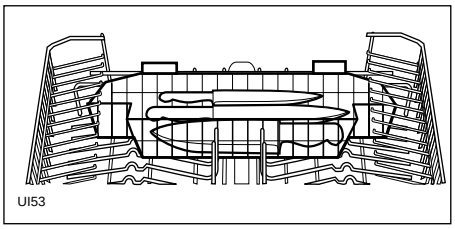
- Slightly pull them upward and let them drop down (see picture).
- To bring them back to the standing position, just pull them up again.





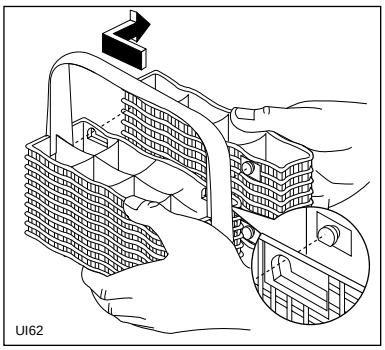
The cutlery basket

Long bladed knives stored in an upright position are a potential hazard.
These items should only be places in the removable knife basket.
Take care when loading or unloading sharp items such as knives.



Removable knife basket

Long and/or sharp items of cutlery such as carving knives must be placed horizontally in the removable knife basket provided, to be positioned at the rear of the upper basket.

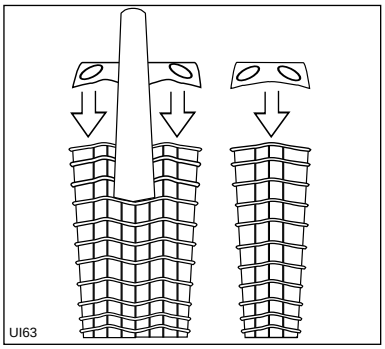


Cutlery should be placed in the removable cutlery basket with the handles facing downwards. If the handles protrude from the bottom of the basket, obstructing the lower spray arm, load the cutlery with the handles facing upwards.

Mix spoons with other cutlery to prevent them from sticking together.

The cutlery basket is in two parts which can be separated to give greater loading flexibility. To separate the two parts, slide them horizontally in opposite directions and pull them apart. To reassemble, reverse the procedure.

For best results we recommend you to use the cutlery grids provided (if the size and dimensions of the cutlery allow it).



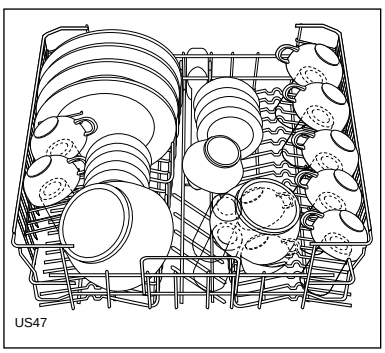
The upper basket

The upper basket is designed for plates (dessert plates, saucers, dinner plates of up to 25 cm in diameter), salad bowls, cups and glasses.

Arrange items on and underneath the cup racks so that water can reach all surfaces.

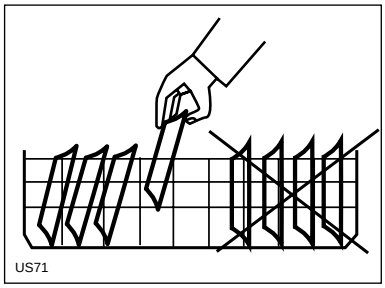
Glasses with long stems can be placed upside down in the raised cup racks.

Light items (plastic bowls etc.) should be loaded in the upper basket and arranged so they do not move.



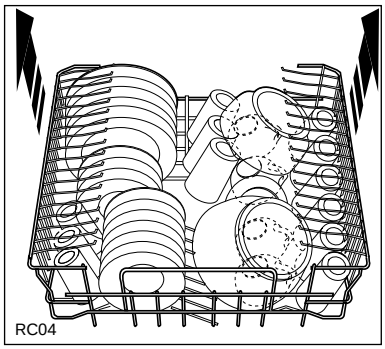
Before closing the door, ensure that the spray arms can rotate freely.

In case that plates are loaded in the upper basket:
load them starting from the rear positions of the basket; tilting them slightly forwards and avoiding the front positions near the door.



Adjusting the height of the upper basket

If washing very large plates (over 27 cm and up to 32 cm in diameter) you can load them in the lower basket after moving the upper basket to the higher position.



To move to the higher position proceed as follows:

1. Pull out the basket until it stops.

2. Carefully lift both sides upwards until the mechanism is engaged and the basket is stable.

When the top basket is in the higher position it will only take plates up to 20 cm in diameter and you will not be able to use the raised cup racks.

To lower the basket to the original position proceed as follows:

1. Pull out the basket until it stops.

2. Carefully lift both sides upwards and the allow the mechanism to drop back slowly, keeping hold of it.

Never lift or lower the basket on one side only.

After loading your machine always close the door, as an open door can be a hazard.

Use of detergent

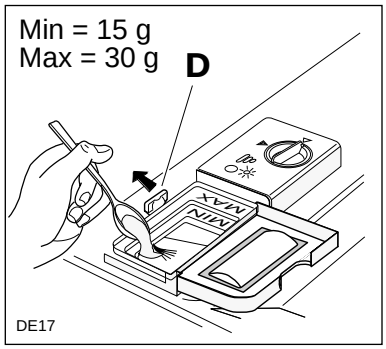
Only use detergents specifically designed for use in dishwashers.

We recommend the use of **Finish** detergents which are available in the following options:

Finish Double Action Tablets. Each tablet has the exact amount of detergent required, simply place in the dispenser.

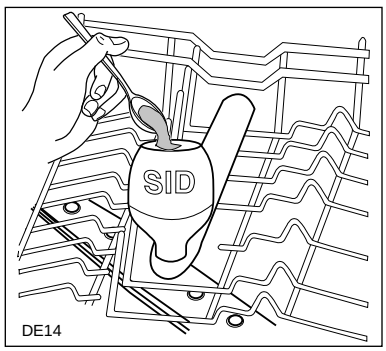
Finish Powder recommended for every day use.

Finish Liquid Gel ideal for every day use. As the gel is extra gentle it is recommended for fine bone china.



If using powder detergents proceed as follows:

1. Open the dispenser lid by pulling the catch (D).
2. Add the detergent according to the instructions given in the Washing programmes chart.
   As all detergents are not the same, you should also consult the instructions on the packet.
3. Always close the lid.
4. If the programme has a prewash add the required detergent in the SID detergent dispenser, located in the centre of the upper basket.



If using detergent in tablets proceed as follows:

1. For all programmes; place 1 tablet inside the detergent dispenser.
2. Always close the lid.
3. For all programmes with prewash; place a portion of a further tablet on the lid of the detergent dispenser.

Insufficient quantities of detergent will produce poor washing results, whereas an excessive amount of detergent will not improve washing results and is also wasteful.
Using no more than the correct amount also contributes to reducing pollution.

Compact detergents with enzymes

In these compact powders the environmentally unfriendly components have been replaced by natural enzymes and other more biodegradable substances.

The enzymes deploy their full dirt dissolving power at a temperature as low as 50°C.

By choosing the ECONOMY programmes you can therefore achieve the same cleaning results that would otherwise be achievable only with 65°C programmes and conventional detergents.

Hints and tips

To save energy

Place dishes in the machine immediately after every meal and wait until the dishwasher is full before washing.

Do not prewash dishes under running water.

Select the **QUICK A 30** programme when dishes are not very soiled, following the instructions given in the "Washing programmes" chart.

Select the **HALF LOAD** option if only a few dishes need washing. Remember to load the dishes in both baskets.

For best washing results

Before loading, remove all scraps of food and soak very heavily soiled pots and pans.

Arrange saucepans, cups and glasses etc. upside-down.

Tilt items with convex or concave surfaces so that the water drains off easily.

Avoid contact between the dishes as far as possible.

Items not suitable for dishwashers

The following items should not be washed in the dishwasher (unless they are sold as dishwasher proof):

- Cutlery with wooden or horn handles or glued parts
- bronze cutlery
- saucepans with wooden handles
- aluminium ware
- crystal ware
- leaded glass
- plastic items
- antique or fine decorated china

Certain types of decoration can discolour when washed in a dishwasher.

Crystal-ware and plastic objects, if not guaranteed dishwasher proof should be washed by hand.

Certain types of glass can also become opaque after being washed several times in a dishwasher.

A chemical reaction can occur between silver cutlery and stainless steel cutlery. As a precaution, do not wash together.

Iron and cast iron objects can rust and stain other items.

Aluminium tends to go black, copper, pewter and brass tend to stain.

If in doubt check with manufacturer of the item.
When buying new dishes, ensure that they are dishwasher proof.

For best results we recommend the use of Finish detergents, rinse aid and salt.

DE15

Washing programmes

Type of load	Degree of soil	Required push buttons	Recommended quantity of detergent		Cycle description
			wash	prewash	
* **70° INTENSIVE SID 80**	Heavy soil. Crockery, cutlery, pots and pans	ON-OFF + INTENSIVE SID 80	20 g	10 g	Hot prewash Main wash up to 70°C 1 cold rinse 1 hot rinse Turbo dry
65° NORMAL	Normal soil. Crockery and cutlery	ON-OFF + NORMAL	25 g	5 g	Cold prewash Main wash up to 65°C 2 cold rinses 1 hot rinse Turbo dry
** **60° QUICK A 30**	Fresh soil. Crockery and cutlery	ON-OFF + QUICK A 30	30 g	/	Main wash up to 60°C 1 hot rinse
*** **50° ECONOMY**	Normal soil. Crockery and cutlery	ON-OFF + ECONOMY	20 g	10 g	Warm prewash Main wash up to 50°C 2 cold rinses 1 hot rinse Turbo dry
40° GLASSES	Normal soil. Delicate china and glassware	ON-OFF + GLASSES	25 g	5 g	Cold prewash Main wash up to 40°C 2 cold rinses 1 hot rinse Turbo dry
RINSE HOLD	Any. Partial load (to be completed later in the day).	ON-OFF + RINSE HOLD	/	/	1 cold rinse

***** Ideal for washing a complete load of **12 place settings with normal soil**.
Characterised by a duration of about 80 minutes and a washing temperature of 70°C.
The time value is approximate and depends on the pressure and the temperature of the water and also by the variations of the power supply.
This is the daily programme for excellence.

****** Ideal for washing crockery and cutlery of breakfast and dinner (**fresh soil**).
Characterised by a duration of about 30 minutes and a washing temperature of 60°C.
The time value is approximate and depends on the pressure and the temperature of the water and also by the variations of the power supply.
This is the perfect programme, made to meet the needs of a family of **4** who only wish to load breakfast and dinner crockery and cutlery.

******* Testing programme for EN 50242 (see "Hints for Test Centres).

Operating sequence

1. Check the filters

Ensure they are clean and properly positioned (see "Maintenance and cleaning").

2. Press the ON-OFF push button

The ON-OFF indicator light will come on and in the digital display appear three horizontal lines (---).

3. Check that there is rinse aid and salt

The corresponding indicator lights will illuminate if refilling is necessary.

4. Load the dishes

Remove any scraps of food.

Pull the lower basket out and arrange the saucepans, plates and cutlery in it.

Pull the upper basket out and arrange the plates, saucers, glasses and cups etc. in it.

Slide the baskets back into the machine.

5. Ensure that the spray arms can rotate freely.

6. Measure out detergent

Add the required amount of detergent into the dispenser according to the recommended quantity given in the Washing programmes chart.

Important!
If the half load option is selected remember to reduce the quantity of detergent.

Close the detergent dispenser lid.

The setting of the programme is possible:

With the door open, in this case the selected programme and eventual options will start automatically 5 seconds after the closing of the door.

With the door closed, in this case the selected programme and eventual options will start automatically 5 seconds after the last pressure of a push button.

7a. Setting and starting the programme without delay start

Press the push button corresponding to the required programme: in the digital display will appear the time duration in minutes of the programme and the phase indicator lights for that programme will illuminate.

Select, if required, the **HALF LOAD** option. The corresponding indicator light will illuminate and the duration of the programme in the digital display will be confirmed.

If the setting has been made with the door open, close the door and the programme will start automatically after 5 seconds.
Until the door remains opened it is possible to change the setting.

If the setting has been made with the door closed, the programme will start automatically 5 seconds after the last pressure of a push button.

The start of the programme will be confirmed by an audible signal, the phase indicator lights will turn off except for the phase under way. The duration of the programme visible in the digital display will start to decrease from minute to minute.

7b. Setting and starting the programme with delay start

Once a programme and required options have been selected (see point 7a) to set the delay start proceed as follows:

Press the **DELAY** push button, in the digital display will appear **h 1**.

Select the desired delay time by pressing the same push button until in the digital display appears the required time (up to a maximum of 12 hours).

To cancel the time setting press the **DELAY** push button until **h 0** appears in the digital display.

If the setting has been made with the door open, close the door and the countdown will start automatically after 5 seconds.
In the digital display the delay time will decrease from hour to hour and the flashing **h** confirms the delay start is counting down.

If the setting has been made with the door closed, the countdown will start automatically 5 seconds after the last pressure of a push button.

Once the delayed time has elapsed, the programme will start automatically, in the digital display will appear the time duration of the programme and the indicator light of the phase under way will illuminate.

The duration of the programme visible in the digital display will start to decrease from minute to minute.

8. At the end of the washing programme

The dishwasher will automatically stop and an intermittent audible signal informs you that the programme has ended.

In the digital display will appear three zeros (000), the indicator lights of the ended programme and of the phases turn off.

The ON-OFF indicator light will remain on until the dishwasher is switched off.

Switch off the dishwasher by pressing the ON-OFF push button.

Wait 15/20 minutes before opening the dishwasher's door; in this way you will avoid burning yourself when removing the dishes and avoid also the damage of the nearby furniture caused by the escape of steam.

Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.

The programme has ended only when the end of programme audible signal is heard and the indicator lights of the programme and the phases (including DRYING) are off.
In the digital display three zeros must appear.
If you do not wait for the end of the programme it will not be possible to start a new programme if first you do not cancel the previous.
(For instructions on how to cancel a programme see point 9)

9. To cancel a programme in progress

This is possible both with the door opened or closed.

With a programme in progress, press the push button of the programme in progress (for about 5 seconds).
After these 5 seconds the dishwasher returns to setting mode and you can select a new washing programme.
Do the same operation if you want to cancel the countdown of the delay start.

In setting mode with open door, simply press the ON-OFF push button.

Before the decrease of the 5 seconds after the last pressure of a push button, simply press the ON-OFF push button.

Important!
In general it is not advisable to open the door while the machine is working; if the door is opened however, a safety device ensures that the machine stops.
Care must be taken if the door is opened during the hot phase or immediately after a programme has finished, as steam may escape.

When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Maintenance and cleaning

Internal cleaning

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.

We recommend the use of **Finish Dishwasher Cleaner** every 3 months or run a 65°C wash without dishes using detergent. Regular use of **Finish Dishwasher Cleaner** cleans inaccessible parts, eliminates unpleasant food odours and helps prevent the build-up of limescale.

Cleaning the central filter

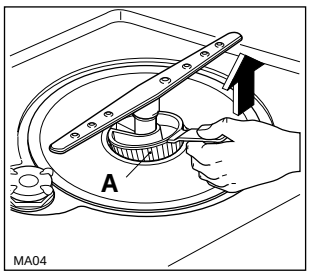
(After each wash)

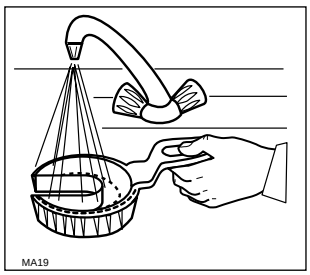
Scraps of food may accumulate in the drain filter (A) and should be removed by rinsing the filter under running water.

To remove the drain filter

- simply pull it out by the handle.

Once cleaned, refit the filter by pushing it back to its original position until it engages.





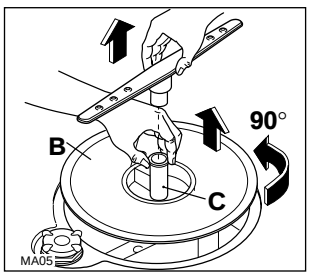
Cleaning the large filter

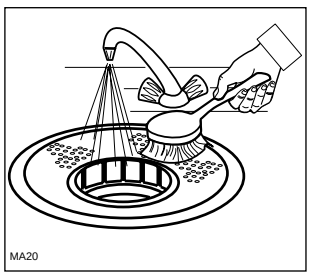
(Every week)

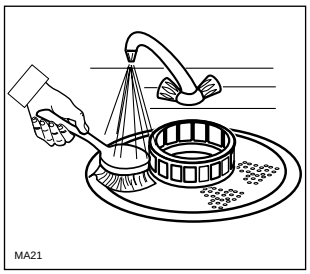
If necessary clean the large filter (B) on both sides under running water, using a brush.

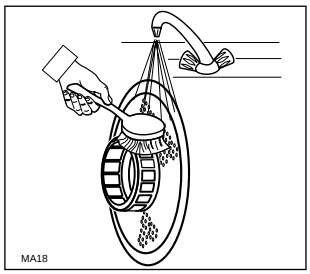
To remove the large filter

1. Remove the spray arm by pulling it upwards on one side.
2. Turn the column (C) anticlockwise by 90° and then slide out the filter.
3. Once cleaned refit it following the above instructions in reverse order.
4. Ensure the filter is in its original position, the handle of the drain filter should be pointing towards the front of the appliance.





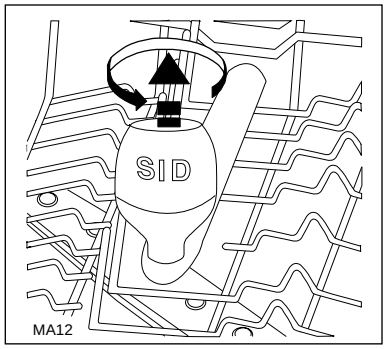




The dishwasher must not be used without filters.
Incorrect repositioning and fitting of the filters will produce poor washing results. Cleaning the filters is vital to ensure correct operation of the machine.

Check that the SID is not clogged with detergent residue. If necessary rinse it under running water after having removed it from the basket by twisting it anticlockwise and pulling it upwards.

Fasten it back onto the support by turning it clockwise.



Never use your dishwasher without the SID dispenser.
Since SID also ensures correct distribution of the water to the upper spray arm, running the dishwasher without it will impair the washing results.

External cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....).

Prolonged periods of non-operation

If you are not using the machine for any period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Fill the rinse aid dispenser.
3. Leave the door ajar to prevent the formation of any unpleasant smells.
4. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc....):

1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.

Avoid over tilting the machine during transportation.

Something not working

Certain problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer.

The dishwasher is fitted with a number of alarm systems which can help you to quickly determine the cause of any problems.

The dishwasher will not start or stops during operation. All push buttons are inoperative except for the ON-OFF push button. The indicator light of the phase under starts flashing. In the digital display one of the following flashing alarms will appear: AL1, AL2, AL3, AL4, AL5, AL6, AL7, AL8 and an audible signal will inform you of the alarm intervention.

Press the ON-OFF push button to switch off the dishwasher and carry out the following suggested corrective actions listed below.

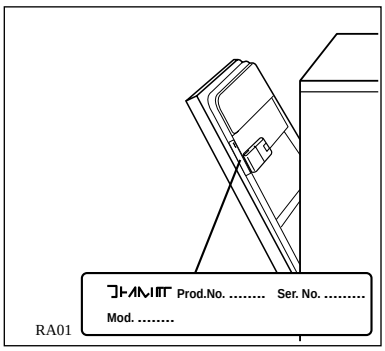
Once the checks have been carried out switch on the dishwasher and start a washing programme, if the fault code reappears in the digital display, contact your local Service Force Centre.

Important: If you call out an engineer to a fault listed below or to repair a fault caused by incorrect use or installation a charge will be made, even if the appliance is in guarantee.

Symptom	Fault code	Solution
The machine will not start		● The door has not been properly closed. ● The plug is not properly inserted in the power socket. ● There is a power failure.
The machine does not fill with water	**Alarm AL5**	● Ensure the water tap is open. ● Ensure the mains water supply has not been cut off. ● The inlet hose may be squashed or bent. Reposition the hose. ● The inlet hose may be blocked. Switch off the water supply and clean the filter.
The dishwasher will not drain	**Alarm AL6**	● The drain hose may be squashed or bent. Reposition the hose. ● The sink may be blocked. Clear any blockages. ● The drain hose extension is not correct. Follow the instructions for connecting to the waste. ● There is no vent in the end of the drain hose.
Protection against flooding is active	**Alarm AL4**	● Close the water tap and contact the Service Force Centre.
General	**Alarms AL1, AL2, AL3, AL7, AL8**	● Switch off the dishwasher. Switch it back on and start the programme. If the alarm reappears, call the local Service Force Centre.
The machine is noisy		● Dishes are rattling against each other, refer to “Loading your machine”. ● The spray arms are knocking against the dishes. Refer to "Loading your machine".
The door is difficult to close		● The dishwasher is not level, or not properly built-in.
Visible lime deposits or white film on the dishes		● Check that there is salt and that the salt cap is tight. ● Check that the right level of the water softener is set.
The dishes are not quite dry		● The rinse aid has run out or too little is being used.
The dishes are not clean (poor wash)		● The baskets are too full. ● The dishes have not been arranged properly. ● The spray arms do not rotate ● The spray arms are clogged. ● The filters are clogged. ● The filters are not in the correct position. ● Not enough detergent has been used or it is unsuitable. ● The detergent is old or has gone hard. ● The salt container cap is not properly closed. ● The washing programme selected is too gentle.

If after all these checks, the problem persists, contact your local Service Force Centre, quoting the model and serial number.

This information can be found on the rating plate located on the right hand side of the dishwasher door (see picture).



Protection against flooding

The machine is fitted with a device in the bottom of the machine to protect against flooding.

The device comes into operation as a result of any water leaks in the machine and it functions only with the machine on.

In case of intervention a fault code will appear in the digital display **AL4**.

In this case turn off the water tap and call the Service Force Centre.

Technical specifications

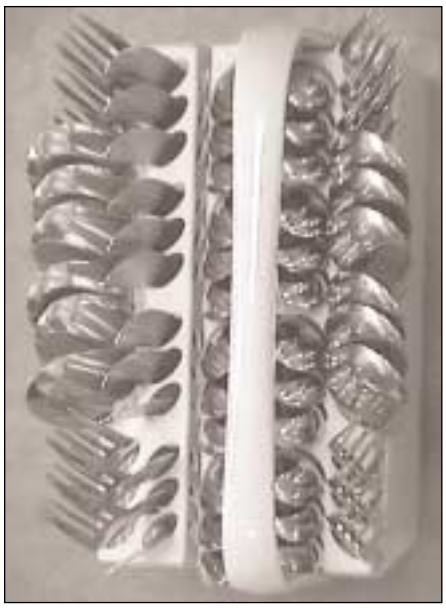
DIMENSIONS	Width Height with worktop Height without worktop Max depth Max depth with open door	60 cm 85 cm 82 cm 63,5 cm 115.2 cm
ELECTRICAL CONNECTION MOTOR RATING DURING WASH POWER OF HEATING ELEMENT OVERALL POWER	Voltage	220/240 V - 50 Hz 200 W 2100 W 2300 W
WATER SUPPLY PRESSURE	Minimum Maximum	50 kPa (0.5 bar) 800 kPa (8 bar)
CAPACITY		12 place settings

Hints for test centres

Before starting any test it is necessary to fill completely with salt the salt container and with rinse aid the rinse aid dispenser.

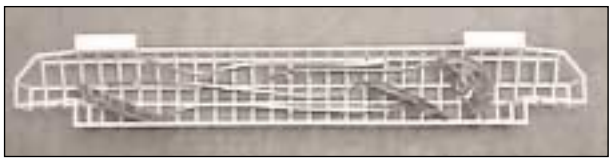
Test standard	EN 50242
Reference programme:	ECONOMY 50°
Load:	12 standard place settings
Rinse aid selector:	position 5
Detergent dosage :	20 g in the dispenser 10 g on the dispenser lid

Arrangement upper basket



Arrangement cutlery basket

Arrangement lower basket



Arrangement knife basket

Installation instructions

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.

Remove all packaging before positioning the machine.

If possible, position the machine next to a water tap and a drain.

Water supply connections

This dishwasher must be plumbed into a cold water supply.

The water pressure must be within the limits given in the technical specifications.

Your local Water Authority will advise you on the average mains pressure in your area.

The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation.

Do not use, for the connection, old hoses which have been used in another appliance.

The locknut must be correctly fitted to avoid water leaks.

Avoid bends or kinks in the hose which could prevent or slow down the water supply.

If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose. This will prevent deposits of sand or rust clogging the inlet hose filter.

Water outlet hose connection

The end of the drain hose can be connected in the following ways:

1. To the sink outlet spigot, securing it if necessary with a clip.

2. To a stand pipe provided with vent-hole, minimum internal diameter 4 cm.

The waste connection must be at a height of between 30 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher.

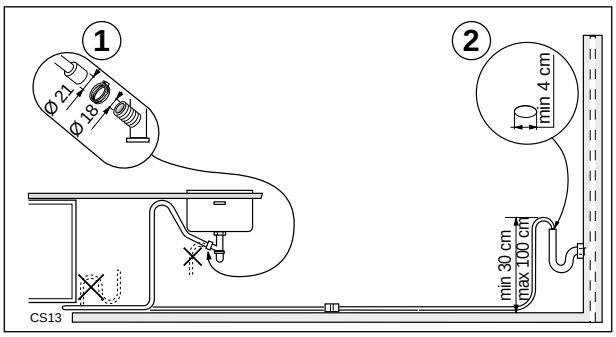
The drain hose can face either to the right or left of the dishwasher

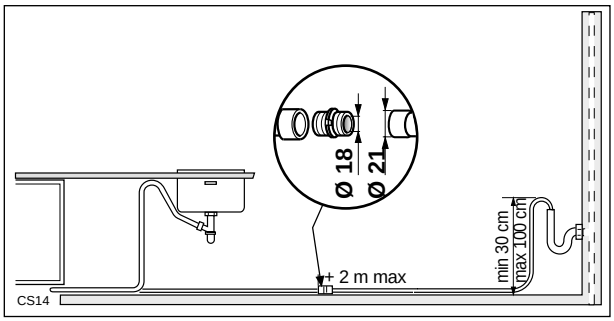
Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water.

The sink plug must not be in place when the machine is draining as this could cause the water to siphon back into the machine.

If you use a drain hose extension it must be no longer than 2 metres and its internal diameter must be no smaller than the diameter of the hose provided.

Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.





Attention!
Our appliances are supplied with a security device to protect against the return of dirty water back into the machine.
If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher.
We advise you therefore to remove it.

Electrical connection

This appliance must be earthed. The manufacturer declines any responsibility should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for the socket, it must be cut off and the appropriate plug fitted.

Important
The wires on the mains lead are coloured in accordance with the following code:

Green and Yellow	**-Earth**
Blue	**-Neutral**
Brown	**-Live**

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug.

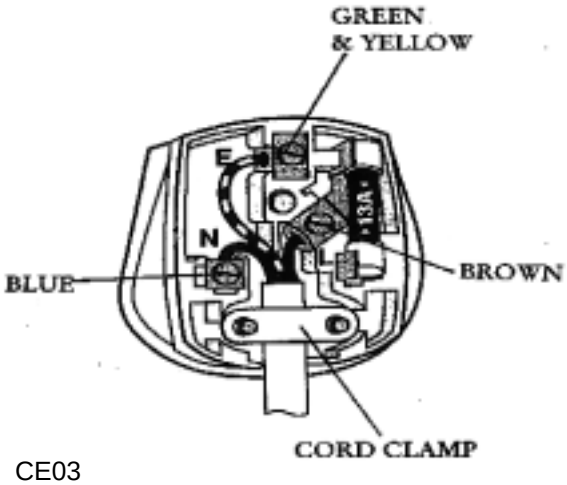
Proceed as follows:

1. Connect the Green and Yellow (earth) wire to the terminal in the plug which is marked with the letter "E" or the earth symbol ⏚ or coloured green and yellow.
2. Connect the Blue (neutral) wire to the terminal in the plug which is marked with the letter "N" or coloured black.
3. Connect the Brown (live) wire to the terminal in the plug which is marked with the letter "L" or coloured red.

The plug moulded onto the lead incorporates a 13amp BSI362 fuse. Only ASTA or BSI fuses should be used.

The plug must not be used if the fuse cover/carrier is lost. The cover/carrier is indicated by the coloured insert at the base of the product.

A replacement cover/carrier must be obtained from your local Service Force Centre.



CE03

This appliance complies with the following E.E.C. Directives:

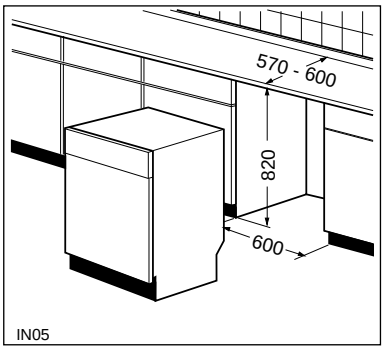
- 73/23 or 19.2.73 (Low Voltage Directive) and subsequent modifications;

- 89/336 or 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.

Fitting under a counter

(kitchen worktop or sink)

By removing the machine's worktop, you can install it under a close fitting sink unit or a pre-existing top, providing the dimensions of the recess correspond to those shown in the picture.



Proceed as follows:

- Remove the machine's worktop by unscrewing the two rear retaining screws, pull from the front and slide out the rear slots, lifting the worktop.

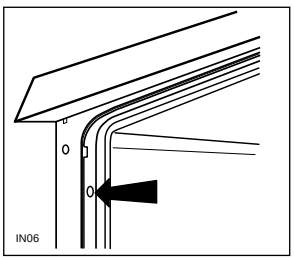
Insert the machine after adjusting height and levelling with the adjustable feet. When inserting the machine, ensure that the water inlet and drain hoses are not kinked or squashed.

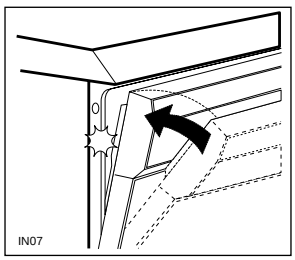
Levelling

Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on the levelling spacers on either side of the cabinet.

If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level.





Service and spare parts

In the event of your appliance requiring service, or if you wish to purchase spare parts please contact your local Zanussi Service Centre by telephoning:

08705 929 929

Your telephone call will be automatically routed to the Service Force centre covering your post code area. The addresses are listed on the following pages. Before calling out an engineer, please ensure you have read the details under the heading "Something Not Working".

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault
4. The model and serial number (found on the rating plate)
5. The purchase date

Customer Care Department

For general enquiries concerning your Zanussi appliance or for further information on Zanussi products please contact our Customer Care Department by letter or telephone at the address below or visit our website at www.zanussi.co.uk

Customer Care Department
Zanussi
55-77 High Street
Slough
Berkshire
SL1 1DZ
Tel: 08705 727727 (*)

* calls to this number may be recorded for training purposes

SERVICE FORCE

To contact your local Service Force Centre telephone 08705 929 929

CHANNEL ISLANDS

GUERNSEY	Guernsey Electricity PO Box 4 Vale, Guernsey Channel Islands GY1 3AD
JERSEY	Jersey Electricity Company Haut De L'orme Rue De Haut De L'orme Trinity Jersey Channel Islands JE3 5FG

SCOTLAND

ABERDEEN	54 Claremont Street Aberdeen AB10 6RA
AUCHTERMUCHTY	33a Burnside Auchtermuchty Fife KY14 7AJ
BLANTYRE	Unit 5 Block 2 Auchenraith Ind. Estate Rosendale Way Blantyre G72 0NJ
DUMFRIES	93 Irish Street Dumfries DG1 2 PQ
DUNOON	7 Hill Street Dunoon Argyll PA23 7AL
EDINBURGH	Unit 12 Dumbryden Ind. Estate 2 Dumbryden Road Edinburgh EH14 2AB
GLASGOW	Unit 4 Wellington Road Bishopriggs Glasgow G64 2SA
INVERNESS	Unit 3BI Smithton Ind. Estate Smithton Inverness IV2 7WL
ISLE OF ARRAN	R Haggerty Bruach Blackwaterfoot Isle of Arran
ISLE OF BARRA	J Zerfah 244 Bruernish Isle of Barra Western Islands HS9 5QY
ISLES OF BUTE	Walker Engineering Glenmhor Upper Serpentine Road Rothesay Isle of Bute PA20 9EH
ISLE OF LEWIS	ND Macleod 16 James Street Stornoway Isle of Lewis PA87 2QW
KELSO	2, 6 & 8 Woodmarket Kelso Borders TD5 7AX
ORKNEY	7 King Street Kirkwall Orkney KW15 1JF
PERTH (OWN SALES)	Scottish Hydro Electric Central Warehouse Inveralmond Perth PH1 3AF
SHETLAND (OWN SALES)	3-4 Carlton Place Lerwick Shetland ZE1 0PW
SHETLAND (OWN SALES)	Bolts Shetland 26 North Road Lerwick Shetland ZE1 0PE
WHALSAY (OWN SALES)	Leask Electrical Harisdale Symbister, Whalsay Shetland ZE2 9AA

NORTHERN IRELAND

BELFAST	Owenmore House Kilwee Business Park Dunmurry Belfast BT17 0HD

WALES

CARDIFF	Unit 4 Guardian Industrial Estate Clydesmuir Road Cardiff CF2 2QS
CLYWD	Unit 6-7 Coed Parc Abergele Road Rhuddlan Clwyd LL18 5UG
DYFED	Unit 9 St. Clears Business Park Tenby Road St. Clears Carmarthen SA33 4JW
OSWESTRY	Plas Ffynnon Warehouse Middleton Road Oswestry SY11 2PP

NORTH EAST

GATESHEAD	Unit 356a Dukesway Court Dukesway Gateshead NE11 0BH
GRIMSBY	15 Hainton Avenue Grimsby N. E. Lincs DN32 9AS
HULL	Unit 1 Boulevard Industrial Estate Hull HU3 4AY
LEEDS	64-66 Cross Gates Road Cross Gates Leeds LS15 7YS
NEWTON AYCLIFFE	Unit 23 Northfield Way Aycliffe Industrial Park Newton Aycliffe DL5 6EJ
SHEFFIELD	Pennine House Roman Ridge Road Sheffield S9 1GB

NORTH WEST

BIRKENHEAD	1 Kelvin Park Dock Road Birkenhead CH41 1LT
CARLISLE	Unit 7 James Street Workshops James Street Carlisle Cumbria CA2 5AH
ISLE OF MAN	South Quay Ind. Estate Douglas Isle of Man IM1 5AT
BOLTON	Unit B Central Industrial Estate St Marks Street Bolton BL3 6NR
PRESTON	Unit 250 Dawson Place Bamber Bridge Preston Lancashire PR5 8AL
STOCKPORT	Unit 20 Haigh Park Haigh Avenue Stockport SK4 1QR

SERVICE FORCE

To contact your local Service Force Centre telephone 08705 929 929

MIDLANDS

BIRMINGHAM	**66 Birch Road East Wyrley Trading Estate Witton Birmingham B6 7DB**
BOURNE	**Pinfold Road Bourne PE10 9HT**
BRIDGNORTH	**68 St. Mary's Street Bridgnorth Shropshire WV16 4DR**
GLOUCESTER	**101 Rycroft Street Gloucester GL1 4NB**
HEREFORD	**Units 3 & 4 Bank Buildings Cattle market Hereford HE4 9HX**
HIGHAM FERRERS	**30 High Street Higham Ferrers Northants NN10 8PL**
ILKESTON	**Unit 2 Furnace Road Ilkeston DE7 5EP**
LEICESTER	**Unit 7 Oaks Industrial Estate Coventry Road Narborough Leicestershire LE9 5GF**
LINCOLN	**Unit 8 Clifton Street Stone Field Park Lincoln LN5 8LQ**
NEWCASTLE UNDER LYME	**18-21 Croft Road Brampton Ind. Estate Newcastle under Lyme Staffordshire ST5 0TW**
REDDITCH	**13 Thornhill Road North Moons Moat Redditch Worcestershire B98 9ND**
TAMWORTH	**Unit 3 Sterling Park Claymore Tamworth B77 5DQ**
WORCESTER	**Units 1 & 2 Northbrooks Close Gregorys Mill Ind. Estate Worcester WR3 8BP**

LONDON & EAST ANGLIA

BECKENHAM	**11a Gardner Ind. Estate Kent House Lane Beckenham Kent BR3 1QZ**
CHELMSFORD	**Hanbury Road Widford Ind. Estate Chelmsford Essex CM12 3AE**
COLINDALE	**Unit 14 Capitol Park Capitol Way Colindale London NW9 0EQ**
ELTHAM	**194 Court Road Mottingham Eltham London SE9 4EW**
ENFIELD	**284 Alma Road Enfield London EN3 7BB**
GRAVESEND	**Unit B4 Imperial Business Estate West Mill Gravesend Kent DA11 0DL**
IPSWICH	**Unit 6C Elton Park Business Centre Hadleigh Road Ipswich IP2 0DD**
LETCHWORTH	**16-17 Woodside Ind. Park Works Road Letchworth Herts SG6 1LA**
LONDON	**2 - 4 Royal Lane Yiewsley West Drayton Middlesex UB7 8DL**
MAIDENHEAD	**Reform Road Maidenhead Berkshire SL6 8BY**
MOLESEY	**10 Island Farm Avenue West Molesey Surrey KT8 2UZ**
NEWBURY	**9 Pipers Court Berkshire Drive Thatcham Berkshire RG19 4ER**
NORWICH	**2b Trafalgar Street Norwich NR1 3HN**
SUNBURY	**Unit 1a The Summit Hanworth Road Sunbury on Thames TW16 5DB**

SOUTH EAST

ASHFORD	**Unit 2 Bridge Road Business Centre Bridge Road Ashford Kent TN23 1BB**
FLEET	**Unit 1 Redfields Ind. Estate Church Crookham Fleet Hampshire GU13 0RD**
HAYWARDS HEATH	**21-25 Bridge Road Haywards Heath Sussex RH16 1UA**
TONBRIDGE	**Unit 30 Deacon Trading Estate Morley Road Tonbridge TN9 1RA**

SOUTH WEST

BARNSTAPLE	**Main Road Fremington Barnstaple North Devon EX31 2NT**
BOURNEMOUTH	**63-65 Curzon Road Bournemouth Dorset BH1 4PW**
BRIDGEWATER	**6 Herswell Business Park Salmon Parade Bridgwater Somerset TA6 5PY**
BRISTOL	**11 Eldon Way Eldonwall Trading Estate Bristol BS4 3QQ**
EMSWORTH	**266 Main Road Southbourne Emsworth PO10 8JL**
ISLE OF WIGHT	**Unit 8 Enterprise Court Ryde Business Park Ryde Isle of Wight PO33 1DB**
NEWTON ABBOT	**Unit 2 Zealley Ind. Estate Kingsteignton Newton Abbot TQ12 3TD**
REDRUTH	**Unit 7D Pool Ind. Estate Druids Road Redruth Cornwall TR15 3RH**

Guarantee conditions

Standard guarantee conditions

We, Zanussi, undertake that if within 12 months of the date of purchase this Zanussi appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.
- The appliance has not been serviced, maintained repaired, taken apart or tampered with by any person not authorised by us.
- All service work under this guarantee must be undertaken by a Zanussi Service Force Centre.
- Any appliance or defective part replaced shall become the Company's property.
- This guarantee is in addition to your statutory and other legal rights.

Home visits are made between **8.30am** and **5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

Exclusions

This guarantee does not cover:

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom.
- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.
- Products of Zanussi manufacture which are not marketed by Zanussi.

European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

- The guarantee starts from the date you first purchased your product.
- The guarantee is for the same period and to the same extent for labour and parts as exists in the new country of use for this brand or range of products.
- This guarantee relates to you and cannot be transferred to another user.
- Your new home is within the European Community (EC) or European free Trade Area.
- The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household.
- The product is installed taking into account regulations in your new country.

Before you move please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 28 28
Germany	Nurnberg	+49 (0)911 323 2600
Italy	Pordenone	+39 (0)1678 47053
Sweden	Stockholm	+46 (0)20 78 77 50
UK	Slough	+44 (0)1753 219897
Ireland	Dublin	+353 (0) 14090753

From the Electrolux Group. *The world's No.1 choice.*

The Electrolux Group is the world's largest producer of powered appliances for kitchen, cleaning and outdoor use. More than 55 million Electrolux Group products (such as refrigerators, cookers, vacuum cleaners, chain saws and lawn mowers) are sold each year to a value of approx. 14 billion USD in more than 150 countries around the world.

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